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# PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

### In re Application of:

Blaine J. Thurgood

**Serial No.:** 10/685,312

**Filed:** October 14, 2003

**For:** INTERPOSER SUBSTRATES WITH  
MULTISEGMENT INTERCONNECT  
SLOTS, SEMICONDUCTOR, DIE  
PACKAGES INCLUDING SAME,  
SEMICONDUCTOR DICE FOR USE  
THEREWITH AND METHODS OF  
FABRICATION

**Confirmation No.:** 5043

**Examiner:** Unknown

**Group Art Unit:** 3726

**Attorney Docket No.:** 2269-5520.1US  
(02-0676.01/US)

### CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

June 14, 2004  
Date

Signature

Leah Barrow  
Name (Type/Print)

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a). The listed documents were cited by the Office in

co-pending application Serial No. 10/409,804, filed on April 9, 2003, and directed to a related invention.

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
US - 6,122,171	September 19, 2000	Akram et al.
US - 6,720,666 B2	April 13, 2004	Lim et al.

Foreign Patent Documents

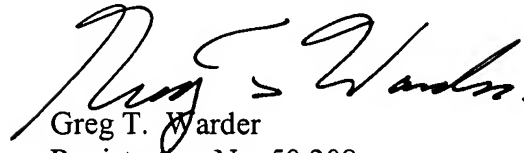
<u>Document No.</u>	<u>Publication Date</u>	<u>Patentee</u>
JP 10308467 A	November 17, 1998	Shim et al.

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is believed to be filed before the mailing date of a first Office Action on the merits, and therefore, no fee is due.

Serial No. 10/685,312

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Greg T. Warder".

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Date: June 14, 2004  
GTW/nj:lb

Enclosures: Form PTO-1449 or PTO/SB/08  
Copy of documents cited

Document in ProLaw

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet	1	of	1
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**Complete if Known**

Application Number	10/685,312
Filing Date	October 14, 2003
First Named Inventor	Blaine J. Thurgood
Group Art Unit	3726
Examiner Name	Unknown
Attorney Docket Number	2269-5520.1US (02-0676.01/US)

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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